

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112219\  
 Data File : VU035817.D  
 Acq On : 22 Nov 2019 12:46  
 Operator : JC/SP  
 Sample : K5930-17 10X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 B0AD3

Quant Time: Nov 23 00:34:20 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR112119WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Nov 23 00:14:30 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 243795   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.46  | 117  | 290264   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.85 | 152  | 74638    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62   | 65    | 128019   | 4.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 80.40%  |
| 7) Chloroethane-d5             | 1.93   | 69    | 119042   | 4.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 86.40%  |
| 11) 1,1-Dichloroethene-d2      | 2.60   | 63    | 168617   | 2.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 57.00%# |
| 20) 2-Butanone-d5              | 4.69   | 46    | 313800   | 42.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.16%  |
| 24) Chloroform-d               | 5.11   | 84    | 218126   | 4.04     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.80%  |
| 26) 1,2-Dichloroethane-d4      | 5.75   | 65    | 133204   | 4.40     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 88.00%  |
| 32) Benzene-d6                 | 5.77   | 84    | 426878   | 3.85     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 77.00%  |
| 36) 1,2-Dichloropropane-d6     | 6.74   | 67    | 154677   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 83.00%  |
| 41) Toluene-d8                 | 7.93   | 98    | 338863   | 3.32     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 66.40%# |
| 43) trans-1,3-Dichloropropene- | 8.22   | 79    | 51403    | 3.54     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 70.80%  |
| 46) 2-Hexanone-d5              | 8.71   | 63    | 186229   | 31.91    | ug/L | 0.03    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 63.82%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79  | 84    | 117189   | 3.73     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 74.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22  | 152   | 70261    | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 86.60%  |

| Target Compounds       |      |    |       | Ovalue        |
|------------------------|------|----|-------|---------------|
| 13) Acetone            | 2.67 | 43 | 17326 | 2.677 ug/L 92 |
| 16) Methylene chloride | 3.09 | 84 | 34392 | 1.122 ug/L 95 |
| 21) 2-Butanone         | 4.77 | 43 | 12333 | 1.506 ug/L 92 |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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